!!! IMPORTANT !!! CUSTOMER CARE SAFETY INSTRUCTIONS

IMPORTANT
Please read all instructions before proceeding. If you have any questions about the operation or use of this product, please contact your dealer.

PRODUCT SAFETY

This unit was designed and manufactured to ensure personal safety. Improper use can result in potential electrical shock or fire hazards. Please retain these instructions for future reference.

The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of non- isolated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

CAUTION
To prevent the risk of electrical shock do not remove enclosure or disassemble. No user-serviceable parts inside. Refer servicing to qualify service personnel. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating, maintenance and servicing instructions in the literature associated with this device.

TECHNICAL CHARACTERISTICS

Audio Characteristics

SPDIF coaxial input	1 x (> 0.2v p-p / 75Ω)
SPDIF optical input	1 x (Toslink)
USB input	1 x (class1.0 / class 2.0)
SPDIF sampling frequency range	32 kHz – 192 kHz
USB sampling frequency range	44.1 kHz – 192 kHz
Resolution	16 – 24 bits
Bandwidth (± 0,2dB)	5 Hz – 100 kHz
Linearity (-100dB)	0,1 dB
Signal to noise ratio A weighted (20Hz – 20kHz)	> 110 dB
THD + noise (1 kHz)	< 0.002%
Output level	2 V rms
Output impedance	600 Ω

Mains Power supply

Type of cord	C7
Mains voltage range	85 – 265 Vac
Mains frequency range	47 – 63 Hz
Standby consumption (85-140 Vac)	< 0,5 W
Standby consumption (185-265 Vac)	< 2,5 W
Operating consumption (85-265 Vac)	< 2,5 W

Dimensions

Unit (L x H x W mm)	140 x 140 x 35
Packaging (L x H x W mm)	206 x 201 x 67

Weight

Unit	300 g
Packaging	400 g

FAQ

USB input
• There is no sound coming out of MyDAC or the sound is coming from my computer speakers or sound card.
Solution: MyDAC has not been declared as playing audio device in your PC configuration panel or in the Audio preferences of your Mac.

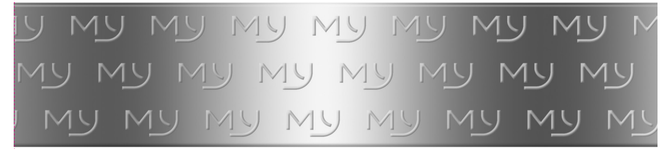
COAX or OPTO inputs
• There is no signal on MyDAC analog outputs
Solution: MyDAC receives an unvalid SPDIF signal or this signal is encoded (Dolby Digital, DTS, DSD...) which requires the use of a specific decoder. MyDAC can only reproduce PCM non-encoded signals.

In any case, you should always check all connections between MyDAC and other units of your system.

WARRANTY

Your MyDAC is covered by a one year warranty from the date of purchase. If the device requires servicing, return it to the dealer you purchased it from, packed in the original box along with the purchase invoice.The warranty covers manufacturing defects, with the exception of any other damage resulting from:
- An accident
- Negligent use
- Poor handling
- Bad installation and or failure to comply with the instructions in the present manual
- Any servicing carried out by a non-authorized personnel
- Damage during transport (the damage will not be covered by the transporter unless you express the usual type of legal reservation indicating any damage on delivery)

MyDAC



User's manual

MICROMEGA

24bits/192kHz USB Asynchronous Audiophile DAC

Dear customer,
Thank you for purchasing a Micromega product. This unit provides ease of use and sonics of the highest quality. Please pay close attention to this instruction manual, and read it fully before attempting to operate. It is designed to ensure you maximise your pleasure of listening to MyDAC.

Checking

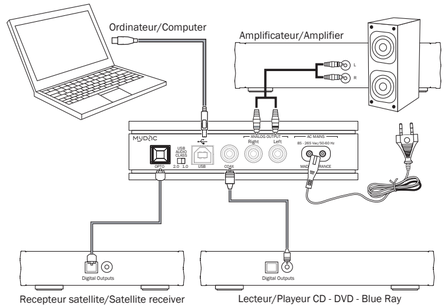
Check that the carton has no damage. Should you have any doubt about its condition, please do not hesitate to contact your dealer. Opening the box, you should find:
• One C7 AC Mains cord matching your area, 4 rubber feet

Mains voltage

MyDAC is equipped with an internal universal power supply allowing you to use MyDAC with voltage and frequency in the range of 85-265 Vac / 50-60 Hz.

Connections and Power up

Except for the mains cord, MyDAC is not supplied with any interconnect cables. To get the best out of your unit, we recommend that you use good quality cables. Check with your dealer.
Following the diagram on the next page, connect your digital sources to MyDAC appropriate inputs. Connect the stereo analog output of MyDAC to a line input of your amplifier. While doing this, we recommend you to have your amplifier turned off.
Plug the AC line cord to the mains input of MyDAC and then connect the other end to your wall mains inlet. As soon as MyDAC is connected to the mains, the led located under the MyDAC logo will light up in red indicating that the unit is in Standby mode.



Operation:

MyDAC central wheel has four positions. The Standby position is on the extreme left. Using the wheel from left to right you will access the 3 different inputs : USB, COAX and OPTO. When you select an input, the led located under the MyDAC logo turns white and the led located under under the input name lights up in white either in fixed mode, indicating that a valid signal is received on this input, or in blinking mode indicating that there is no valid signal on the selected input . (Refer the FAQ section for troubleshooting).

1) Standby

Turn the wheel to the stop of the extreme left position. MyDAC is then in standby mode and the led located under the MyDAC logo turns red. The unit is then respectful of the most stringent ECO regulations.

2) USB

The asynchronous USB input accepts signal which are plain multiples of 44,1kHZ and 48kHz sampling rates and this up to 192kHz. This input is compatible with Audio class 1.0 and 2.0 without using any specific driver on Mac. For PC users, an audio class2.0 specific driver is available on our website www.micromega-hifi.com. The audio class selector is located on the back panel of MyDAC next to the USB input connector.
In USB asynchronous mode, jitter is minimized by the use of very low jitter masterclock oscillators controlling the incoming data flux. When you use the USB input for the first time, you will have to declare MyDAC as playing device in your computer's operating system. Each operating system being different, we recommend that you refer the your computer's operating system manual to do this.

3) COAX

SPDIF Coaxial input accepting input levels as low as 0.2V p-p / 75Ω and operating up to 24 bits/192 kHz. The masterclock regenarating circuit features less than 50 ps Rms of jitter. Once again we need to point out that the quality of the cable used for such input is of great importance, especially when you reach sample rates above 96kHZ and becomes critical for 192kHz sample rate. Ideally this cable should have a specific impedance of 75Ω to avoid data bouncing inside the cable, creating erroneous data.

4) OPTO

SPDIF Toslink Optical input working up to 24 bits/192 kHz. The quality of the optical fibre used with this input is very important if you want to get the best of your MyDAC and especially if you will use high sample rates. Please check with your dealer that will recommend the best cable for your usage.

Cleaning of the unit

1. Unplug MyDAC from AC mains.
2. Using a soft cloth, gently wipe out the dust from MyDAC surfaces. To avoid any damage to the product, never use any solvent or cleaning product containing solvent such as acetone,trichloroethylene, ...Never use any abrasive material to clean MyDAC.
3. Once MyDAC has been cleaned you can connect the unit to the AC mains again.

Working conditions

Working temperature : from 0° to 35° C (32° to 95° F)
Storage temperature : from -25° to 60° C (-13° à 140° F)
Relative humidity (working) : from 20 % to 80 %
Relative humidity (storage) : from 10 % to 90 % (without condensation)

Warning

To reduce the risk of fire or electrical shock, do not expose MyDAC to rain or moisture

Warning

- Do not use MyDAC near water.
- Do not place objects filled with liquid on or near MyDAC.
- Do not place MyDAC near any heat sources such as radiators, stoves or other heat-generating products including open flames.
- Disconnect MyDAC during lightning storms or when unused for extended periods.
- Refer all service-related issues to qualified personnel.

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